

CLAIMS

1. A heat-dissipating device, comprising:
 - a radiator provided with a plurality of fins on a heat-conductive base plate, an air-outlet gap naturally presented between any two of said adjacent fins, and an accommodating opening disposed at an identical location on each of said fins; and
 - a cross-flow type fan having a plurality of fan blades provided at a shaft plate, each of said fan blades presented within said accommodating openings of said fins, in such a way that an airflow generated by the rotation of said cross-flow type fan is allowed for contacting with said fins and discharged through said air-outlet gaps.
2. The heat-dissipating device according to Claim 1, further comprising at least one heat-conductive pipe, each contacting with said heat-conductive base plate.
3. The heat-dissipating device according to Claim 1, further comprising at least one heat-conductive pipe, each contacting with said heat-dissipating fins.
4. The heat-dissipating device according to Claim 1, further comprising at least one heat-conductive pipe, said heat-conductive pipe including a bottom pipe, and at least one upright pipe projectingly provided at said bottom pipe, wherein said bottom pipe is fixedly contacted with said heat-conductive base plate, while said upright pipe is contacted with said fins.
5. The heat-dissipating device according to Claim 4, wherein said fins is chiseledly provided with at least one first through-hole passed through by said upright pipe, and each of said fins is contacted with and fixed at different locations, respectively, of said heat-conductive pipe.
6. The heat-dissipating device according to Claim 4, wherein said heat-conductive pipe is presented as a U-shaped structure.
7. The heat-dissipating device according to Claim 2, wherein said shaft plate of said cross-flow type fan is provided with at least one second through-hole thereon to be passed through by said heat-conductive pipe, in such a way that said cross-flow type fan is fixedly provided within said accommodating opening.
8. The heat-dissipating device according to Claim 1, wherein a bottom air inlet is further presented between said heat-conductive base plate and said fins.
9. The heat-dissipating device according to Claim 1, wherein the bottom side of said shaft plate of said cross-flow type fan is depressedly provided with at least one supporting stand used for fastening a motor, the side of said supporting stand being naturally formed with a top air inlet.
10. The heat-dissipating device according to Claim 1, wherein said fins are presented as a parallel mode with respect to said heat-conductive base plate.
11. The heat-dissipating device according to Claim 1, wherein said fins are

projectingly provided on said heat-conductive base plate directly, and presented as a mode selected from the group consisting of a mode of vertical angle, inclined angle with respect to said heat-conductive base plate, and the combination thereof.

12. A heat-dissipating device, comprising:

a radiator projectingly provided with a plurality of fins directly on a heat-conductive base plate, an air-outlet gap naturally presented between any two of said adjacent fins, and an accommodating opening being disposed at an identical location on each of said fins; and

a cross-flow type fan having a plurality of fan blades provided at a shaft plate, each of said fan blades being presented within said accommodating openings of said fins, in such a way that an airflow generated by the rotation of said cross-flow type fan is allowed for contacting with said fins and discharged through said air-outlet gaps.

13. The heat-dissipating device according to Claim 12, further comprising at least one heat-conductive pipe, one side of said heat-conductive pipe contacted with said heat-conductive base plate, and the other side thereof being contacted with said fins.

14. The heat-dissipating device according to Claim 13, wherein said heat-conductive pipe is presented as an E-shaped structure, a bottom-side strut thereof located at the bottom side contacted with said heat-conductive base plate, while a central strut thereof located at the center and a top-side strut located at the top side passing through said fins.

15. The heat-dissipating device according to Claim 13, wherein said shaft plate of said cross-flow type fan is provided with at least one second through-hole thereon to be passed through by said heat-conductive pipe, in such a way that said cross-flow type fan is fixedly provided within said accommodating opening.

16. The heat-dissipating device according to Claim 12, wherein said fins are presented as a mode selected from the group consisting of a mode of vertical angle, inclined angle with respect to said heat-conductive base plate, and the combination thereof.